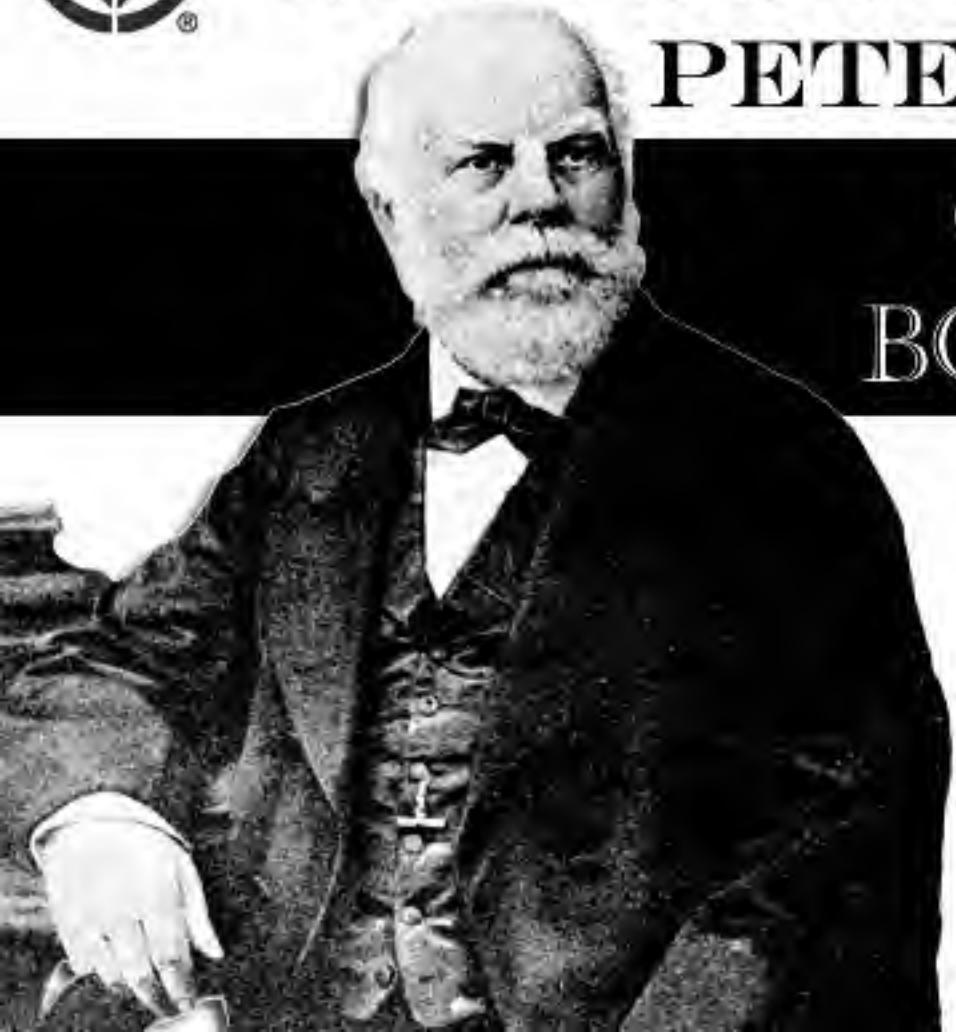




# MISSOURI BOTANICAL GARDEN

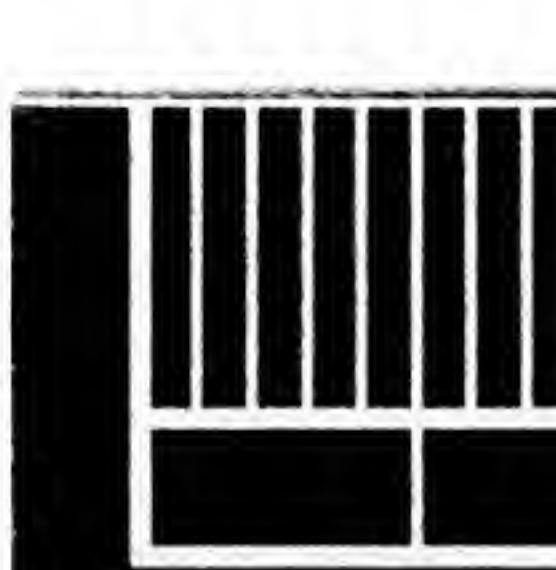
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128  
*Nyctagineae*



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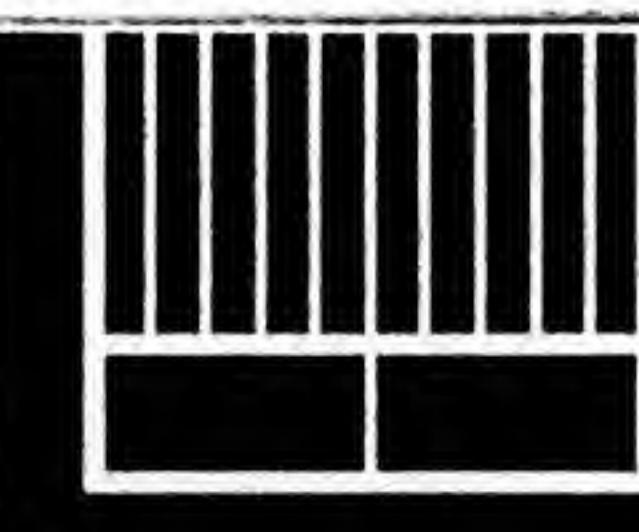
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BOTANICAL  
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MISSOURI BOTANICAL GARDEN  
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*Nyctagynia* <sup>vol xv</sup> see *Sill. Journ* 2. 14. p. 321. (1853.)  
by A. Gray  
Toney in *Bot. Record* p. 168.  
Gray <sup>1855.</sup> p 172



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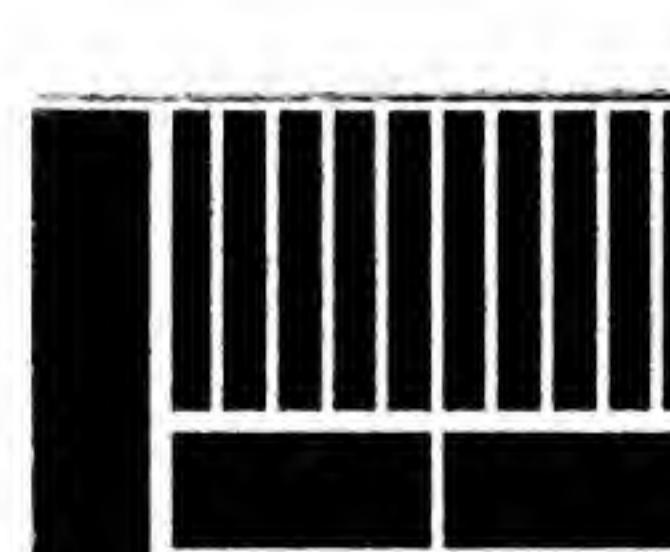
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130  
*Amaranthaceae*



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Oenothera biennis L.  
" muricata Willd  
" gauvroides Sturm.

Apr II, 227

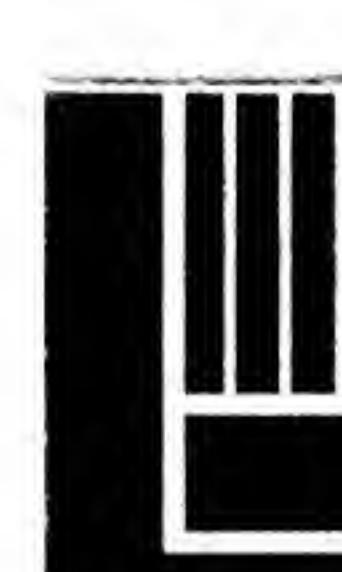
Feb II, 245

Amer. bot. (var. Europam ubique  
quasi spontanea)

Fr

MISSOURI BOTANICAL GARDEN  
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964-5



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Amherst

Beach Hse

Sept 10

x 10



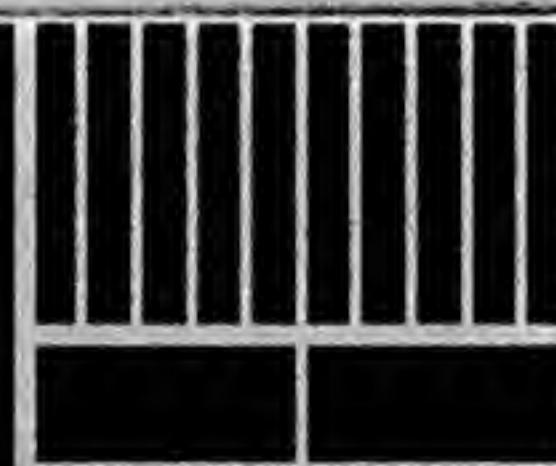
but opened

5 sepals 5 anthers

opposite

very few male flowers seen

& once a female with a  
single stamen



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BOTANICAL  
GARDEN

H. W. BARKHOEFER & CO.,  
DRUGGISTS & PHARMACISTS,  
No. 2934 Olive Street, S. E. Corner Garrison Avenue,  
ST. LOUIS, MO.

5497

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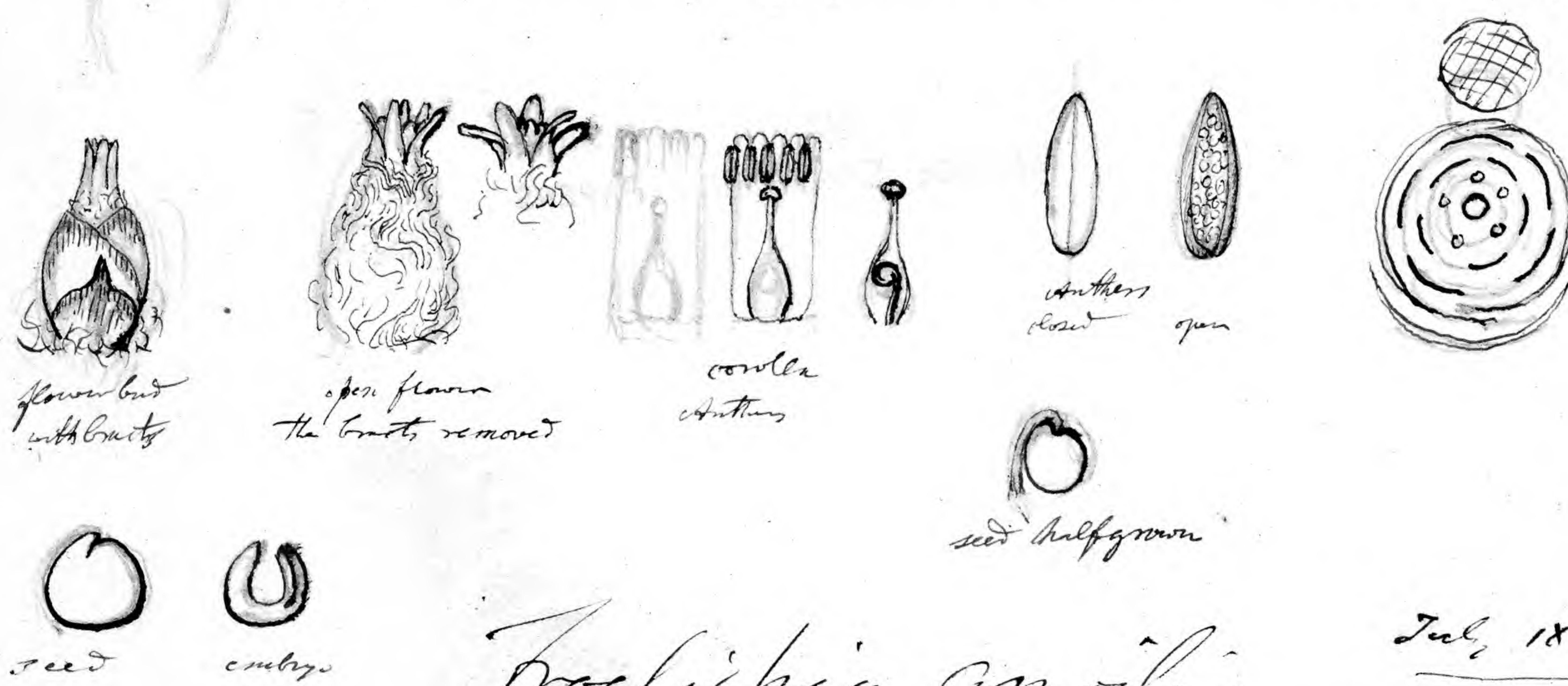
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spica densissima, bracteis villosa, bracteis orbiculatis cuspidae  
 laevibus, apice nigricantibus, 2 bracteis lateribus orbiculatis obtusis  
 laevibus, raloce villosa, utruncata, bracteis oblongo-linearibus  
 oblongis laevibus, *Abutilon* <sup>corolla</sup> *villosa* *tubulosa*, lobis ovatis  
 oblongis raloce villosis alternantibus, staminibus  
 ad faciem corolla sessilibus a. lobis raloce villosis segmentis  
 oppositis, plantis nullis anthers linearibus ~~woolly~~  
 lanatis, ovario 1 ovulato, ovulo ~~per~~ <sup>fructuoso</sup> liberis e fundo  
 style & stigmate capitulo, raloce <sup>fructifer</sup> in dente compresso  
 cristato - aculeato, utrinque, corolla marcescente  
 testa involucrata, semine subreniformi, embryo  
 annulari, albumen parvum virens



*Ophiorrhiza pumila*

July 1848

This species of Ophiorrhiza is distinguished from the other  
 for eastern Texas (*O. floridana*) by the smaller flowers  
 smoother (not reddish-tomentose) stem, yellow not  
 red anthers, much less woolly but more cristate  
 smaller fruit.

"Tube of Corolla" is staminal tube, "lobes" of Corolla are  
 staminodia inter anthers <sup>in the middle</sup> intervallata

*Gomphrena gelosa* 36m, 2 lateral ones largest, closed, inviolate  
 beyond the flower, 5 lobes of raloce villosa, separate to the base  
 anthers tube 5 lobed, lobes emarginate or cleft, bearing the  
 (anthers exserted spreading Horizontally) 2 stigmas — embryo ovular  
 radicle superior — seed pendulous from basilar fundatrix



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Amaranthus

Amaranthus

Common about Cosiguinachi

publ from Mexican seeds by H. Rickle St Louis Aug 1888

floribus monacis, 5-petibus, bracteis lanceolatis aristatis,  
sepulis ovato-lanceolatis <sup>exterioribus</sup> <sup>infl. perianthi</sup> cuspidiatis, florum masculorum  
majores bracteas longe superantes, fl. femineorum  
bracteas bracteas aequantibus, staminibus 5, scutellis  
oppositis, anthers linearibus basi condatis medie dorso  
affinis; stylis 3 e basi late subulatis - perigonio  
fructifero aucto, masculum subsequentem; utrincola <sup>exserta</sup> ornata  
apice triuspido, cuspibus erectis; sorgum scissio, seminibus  
laevibus levibus, levigatis, <sup>acutis</sup>  
foliis ovatis, longe petiolatis ovatis in petiolis  
attenuatis, glabriusculis.



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